

**WHAT IS CLAIMED IS:**

1. A radio frequency device comprising:  
at least one metallized region;  
at least one non-metallized region;  
5 at least one antenna on the at least one non-metallized region;  
at least one radio frequency chip in communication with the at least one  
antenna; and  
at least one connector connecting the at least one antenna to the at least one  
metallized region.
- 10 2. The radio frequency device of Claim 1, further comprising:  
at least one base layer.
3. The radio frequency device of Claim 2, wherein the at least one  
metallized region is disposed on the at least one base layer.
4. The radio frequency device of Claim 1, wherein the at least one non-  
15 metallized region is created by demetallizing a portion of the at least one  
metallized region.
5. The radio frequency device of Claim 1, further comprising at least one  
holographic image.
6. The radio frequency device of Claim 5, wherein the at least one  
20 holographic image is in the at least one non-metallized region.
7. A radio frequency device comprising:  
at least one base layer;  
at least one metallized region disposed on the at least one base layer;  
at least one non-metallized region;

at least one antenna on the at least one non-metallized region;  
at least one radio frequency chip on the at least one base layer in  
communication with the at least one antenna; and  
at least one connector connecting the at least one antenna to the at least one  
5 metallized region.

8. The radio frequency device of Claim 7, further comprising at least one  
holographic image.

9. The radio frequency device of Claim 7, wherein the at least one  
holographic image is in the at least one non-metallized region.

10 10. The radio frequency device of Claim 7, wherein the at least one non-  
metallized region is created by demetallizing a portion of the at least one  
metallized region.

11. A radio frequency device comprising:  
at least one base layer;  
15 at least one metallized region disposed on the at least one base layer;  
at least one non-metallized region;  
at least one holographic image;  
at least one antenna on the at least one non-metallized region;  
at least one radio frequency chip in the at least one base layer in  
20 communication with the at least one antenna; and

at least one connector connecting the at least one antenna to the at least one  
metallized region.

12. The radio frequency device of Claim 11, wherein the at least one  
holographic image is in the at least one non-metallized region.

13. The radio frequency device of Claim 11, wherein the at least one non-metallized region is created by demetallizing a portion of the at least one metallized region.

14. A radio frequency device comprising:

- 5       at least one base layer;
- at least one metallized region disposed on the at least one base layer;
- at least one non-metallized region;
- at least one holographic image on the at least one non-metallized region;
- at least one antenna on the at least one non-metallized region;
- 10       at least one radio frequency chip in the at least one base layer in communication with the at least one antenna; and
- at least one connector connecting the at least one antenna to the at least one metallized region.

15       15. The radio frequency device of Claim 14, wherein the at least one non-metallized region is created by demetallizing a portion of the at least one metallized region.

16. A radio frequency device comprising:

- at least one base layer;
- at least one metallized region disposed on the at least one base layer;
- 20       at least one non-metallized region;
- at least one holographic image in the at least one non-metallized region;
- at least one antenna on the at least one non-metallized region;
- at least one radio frequency chip on the at least one base layer in communication with the at least one antenna; and

at least one connector connecting the at least one antenna to the at least one metallized region; and

whereby the at least one non-metallized region is created by demetallizing a portion of the at least one metallized region.

5           17. A method of making a radio frequency device, comprising:  
forming at least one metallized region;  
forming at least one non-metallized region;  
forming at least one antenna on the at least one non-metallized region;  
mounting at least one radio frequency chip in communication with the

10 antenna; and

connecting the antenna in the non-metallized region to the metallized region with a connector.

18. The method of Claim 17, further comprising forming at least one base layer.

15           19. The method of Claim 17, further comprising forming at least one holographic image.

20. The method of Claim 19, wherein the holographic image is formed on the at least one non-metallized region.

21. The method of Claim 17, wherein the non-metallized region is created  
20 by demetallizing a portion of the at least one metallized region.

22. A method of making a radio frequency device, comprising:  
forming at least one base layer;  
forming at least one metallized region disposed on the at least one base layer;

forming a non-metallized region;  
forming an antenna on the non-metallized region;  
mounting a radio frequency chip in electrical communication with the  
antenna; and

5                    connecting the antenna in the non-metalized region to the metallized region  
with a connector.

23. The method of Claim 22, further comprising forming a holographic  
image in the non-metallized region.

24. The method of Claim 22, wherein the non-metallized region is created  
10 by demetallizing a portion of the at least one metallized region.

25. A method of making a radio frequency device, comprising:

forming at least one base layer;

forming at least one metallized region disposed on the at least one base  
layer;

15                    forming a non-metallized region;

forming a holographic image in the non-metallized region;

forming an antenna in the non-metallized region;

mounting a radio frequency chip in electrical communication with the  
antenna; and

20                    connecting the antenna in the non-metalized region to the metallized region  
with a connector.

26. The method of Claim 25, wherein the non-metallized region is created  
by demetallizing a portion of the at least one metallized region.

27. A method of making a radio frequency device, comprising:

- forming at least one base layer;
- forming at least one metallized region disposed on the at least one base layer;
- forming at least one non-metallized region;
- 5 forming at least one holographic image in the at least one non-metallized region;
- forming at least one antenna in the at least one non-metallized region;
- mounting at least one radio frequency chip in communication with the at least one antenna; and
- 10 connecting the at least one antenna in the at least one non-metallized region to the at least one metallized region with a connector;
- whereby the at least one non-metallized region is created by demetallizing a portion of the at least one metallized region.